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Features

☐ 1: AAD13194. NAD-dependent DNA...[gi:4235382]

BLink, Domains, Links

LOCUS AAD13194 481 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus sp. SM32].

ACCESSION AAD13194

VERSION AAD13194.1 GI:4235382

DBSOURCE locus AF092868 accession AF092868.1

KEYWORDS

SOURCE Thermus sp. SM32

ORGANISM Thermus sp. SM32

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 481)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 481)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES

source

Location/Qualifiers

1..481

/organism="Thermus sp. SM32"

/strain="SM32" #19

/db_xref="taxon:56817"

Protein

<1..>481

/product="NAD-dependent DNA ligase"

CDS

1..481

/coded_by="AF092868.1:<1..>1443"

/transl_table=11

ORIGIN

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61 eevtqnllti ptiprrlkgv perlevrgev ympieaflrl neeleeagek vfknprnaaa
121 gslrqkdpri takrglratf yalglglees glktqyefll wfkekgfpve hgfaratgae
181 gvervyqgwl qkrrklpfea dgvvvklde alwrelgyta raprfaiayk fpaeeketrl
241 ldvvfvqgrt grvtpvgile pvliegsevs rvtlhnesyi eeldirigdw vlvhkaggvi
301 pevrlrvlker rtgaerpivw pencpecghh lvkegkvhrp pnplcpakrf eairhyasrk
361 amdigqlgek liekllengl vkdvadlyrl rkedlvglr mgeksaenll rqiieskhrq
421 lerllyalgl pgvgevlarn laarfgtmdr lleatleell eveevgelta rgiwetlqdp
481 a

```

//

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